

Inventor Name Search Result

Your Search was:

Last Name = PHILLIPS

First Name = EIFION

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09171983	6110914	150	10/29/1998	SPIROAZABICYCLIC HETEROCYCLIC COMPOUNDS	PHILLIPS, EIFION
09763838	Not Issued	161	02/27/2001	Amidine derivatives which are inhibitors of nitric oxide synthase	PHILLIPS, EIFION
10093939	6703502	150	03/08/2002	SPIROAZO BICYCLIC HETEROCYCLIC	PHILLIPS, EIFION
10123856	7001914	150	04/15/2002	COMPOUNDS	PHILLIPS, EIFION
10130635	6683090	150	05/17/2002	NOVEL N-AZABICYCLO- AMIDE DERIVATIVES	PHILLIPS, EIFION
10159786	6569865	150	05/31/2002	Spiro 1-azabicyclo[2.2.2.]octane- 3,2'(3'h)-furo[2,3-]pyridine	PHILLIPS, EIFION
10396215	6706878	150	03/24/2003	SPIROAZABICYCLIC HETEROCYCLIC COMPOUNDS	PHILLIPS, EIFION
10511522	Not Issued	41	10/15/2004	Thienyl compounds	PHILLIPS, EIFION
10511525	Not Issued	30	10/15/2004	Heterocyclic compounds	PHILLIPS, EIFION
10524482	Not Issued	30	02/14/2005	Aryl-substituted diazabicycloalkanes as nicotinic acetylcholine agonists	PHILLIPS, EIFION
10524484	Not Issued	30	02/14/2005	Biaryl diazabicycloalkane amides as nicotinic acetylcholine agonists	PHILLIPS, EIFION
10563271	Not Issued	20	01/04/2006	Spiro '1-azabicyclo' 2.2.2! octan- 3,5'-oxazolidin - 2'-one! derivatives with affinity to the alpha7 nicotinic acetylcholine receptor	PHILLIPS, EIFION
10801085	Not Issued	71	03/15/2004	Spiroazabicyclic heterocyclic compounds	PHILLIPS, EIFION
10877813	Not Issued	30	06/24/2004	Imaging agents and methods of imaging alpha7-nicotinic cholinergic receptor	PHILLIPS, EIFION

11325787	Not Issued	30	01/05/2006	Compounds	PHILLIPS, EIFION
60295206	Not Issued	159	06/01/2001	New compound	PHILLIPS, EIFION
60482108	Not Issued	159	06/24/2003	Functionalized alpha7 nicotinic receptor ligands for imaging	PHILLIPS, EIFION
60485523	Not Issued	159	07/08/2003	Compounds	PHILLIPS, EIFION
60505731	Not Issued	159	09/25/2003	Ligands	PHILLIPS, EIFION
60506664	Not Issued	159	09/26/2003	Compounds	PHILLIPS, EIFION
60512893	Not Issued	159	10/21/2003	Spirofuropyridine aryl derivatives	PHILLIPS, EIFION
60531644	Not Issued	159	12/22/2003	Nicotinic acetylcholine receptor ligands	PHILLIPS, EIFION
60531648	Not Issued	159	12/22/2003	Nicotinic acetylcholine receptor ligands	PHILLIPS, EIFION
60531710	Not Issued	159	12/22/2003	Nicotinic acetylcholine receptor ligands	PHILLIPS, EIFION
60531712	Not Issued	159	12/22/2003	Nicotinic acetylcholine receptor ligands	PHILLIPS, EIFION
60643319	Not Issued	159	01/12/2005	Nicotinic acetylcholine receptor ligands	PHILLIPS, EIFION
09529654	6995167	150	04/18/2000	ARYLKYLAMINE SPIROFUROPYRIDINES USEFUL IN THERAPY	PHILLIPS, EIFION D
09763835	Not Issued	161	02/27/2001	Novel compounds	PHILLIPS, EIFION D
11181098	Not Issued	41	07/14/2005	Novel substituted amines of spirofuropyridines useful in therapy	PHILLIPS, EIFION D.
08945295	Not Issued	161	10/22/1997	NOVEL ARYL-PYRIDAZINES	PHILLIPS, EIFION D.
08860899	Not Issued	161	07/15/1997	PHARMACEUTICALLY USEFUL COMPOUNDS	PHILLIPS, EIFION DERWYN

Inventor Search Completed: No Records to Display.

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Inventor Name Search Result

Your Search was:

Last Name = MACK

First Name = ROBERT

Application#	Patent#	Status	Date Filed	Title	Inventor Name
06129898	4272412	150	03/13/1980	HALOGEN CONTAINING IONONE DERIVATIVES AND COMPOSITIONS CONTAINING SAME	MACK, ROBERT
06149078	4307091	150	05/12/1980	PROCESS FOR TREATMENT OF ALLERGIC CONDITIONS WITH BENZOXAZINEDIONES	MACK, ROBERT
06149080	4276292	150	05/12/1980	NEW TRIAZOLOBENZOXAZIN- 4-ONES	MACK, ROBERT
06219313	4308401	150	12/22/1980	HALOGEN CONTAINING CYCLOHEXANE DERIVATIVES, METHODS OF PREPARATION AND COMPOSITIONS CONTAINING SAME	MACK, ROBERT
06500269	4464907	150	06/02/1983	PROCESS FOR THE OPERATION OF AN ABSORPTION HEAT PUMP CAPABLE OF BIVALENT OPERATION AND ABSORPTION HEAT PUMP FOR IMPLMENTING THIS PROCESS	MACK, ROBERT
06500301	Not Issued	161	06/02/1983	PROCESS FOR OPERATION OF AN ABSORPTION HEAT PUMP	MACK, ROBERT
08647545	5899360	150	05/15/1996	MULTI-CHAMBER REFILLABLE DISPENSER	MACK, ROBERT
08681022	6230935	250	07/22/1996	DUAL CHAMBER PUMP DISPENSER	MACK, ROBERT
08758986	Not Issued	164	12/02/1996	UNIFORM DISPENSING MULTICHAMBER TUBULAR CONTAINERS	MACK, ROBERT
08785624	5858153	150	01/17/1997	METHOD FOR MAKING TUBULAR CONTAINERS	MACK, ROBERT
08942151	5912561	250	10/01/1997	METHOD AND APPARATUS FOR PACKAGE WALL TESTING	MACK, ROBERT
09157216	5954234	150	02/12/1998	UNIFORM DISPENSING	MACK, ROBERT

				MULTICHAMBER TUBULAR CONTAINERS	
<u>09171983</u>	<u>6110914</u>	150	10/29/1998	SPIROAZABICYCLIC HETEROCYCLIC COMPOUNDS	MACK, ROBERT
<u>09337064</u>	<u>6400720</u>	150	06/21/1999	METHOD FOR TRANSPORTING VARIABLE LENGTH AND FIXED LENGTH PACKETS IN A STANDARD DIGITAL TRANSMISSION FRAME	MACK, ROBERT
<u>09362530</u>	<u>6801915</u>	150	07/28/1999	PAIRED KEYS FOR DATA STRUCTURES	MACK, ROBERT
<u>09523468</u>	<u>6640903</u>	150	03/10/2000	FORMING A WELLBORE CASING WHILE SIMULTANEOUSLY DRILLING A WELLBORE	MACK, ROBERT
<u>09594703</u>	<u>6369224</u>	150	06/16/2000	New compounds	MACK, ROBERT
<u>09642544</u>	Not Issued	149	08/18/2000	System and method for facilitating transmission of IP data over digital MPEG networks	MACK, ROBERT
<u>09708577</u>	Not Issued	161	11/09/2000	Apparatus, method and system for improving teller daily work at credit unions	MACK, ROBERT
<u>09765765</u>	Not Issued	161	01/19/2001	Manufacture and use of an deposition aid	MACK, ROBERT
<u>09925652</u>	<u>6631882</u>	150	08/09/2001	METHOD AND APPARATUS TO TEST A SHUTDOWN DEVICE WHILE PROCESS CONTINUES TO OPERATE	MACK, ROBERT
<u>10093939</u>	<u>6703502</u>	150	03/08/2002	SPIROAZO BICYCLIC HETEROCYCLIC	MACK, ROBERT
<u>10396215</u>	<u>6706878</u>	150	03/24/2003	SPIROAZABICYCLIC HETEROCYCLIC COMPOUNDS	MACK, ROBERT
<u>10775668</u>	Not Issued	30	02/09/2004	Encoding scheme for data transfer	MACK, ROBERT
<u>10801085</u>	Not Issued	71	03/15/2004	Spiroazabicyclic heterocyclic compounds	MACK, ROBERT
<u>10852541</u>	Not Issued	71	05/24/2004	Manufacture and use of an deposition aid	MACK, ROBERT
<u>10972266</u>	<u>6988406</u>	150	10/25/2004	SYSTEM AND METHOD OF LIQUID LEVEL DETECTION	MACK, ROBERT
<u>11015105</u>	Not Issued	30	12/17/2004	Staged correlator	MACK, ROBERT
<u>11324110</u>	Not Issued	25	12/30/2005	Circuit and method for encoding DSSS signals	MACK, ROBERT
<u>11324111</u>	Not Issued	25	12/30/2005	Circuit and method for decoding code phase modulated signals	MACK, ROBERT

<u>29040013</u>	<u>D396588</u>	150	06/08/1995	DISPENSER	MACK, ROBERT
<u>29042000</u>	<u>D373529</u>	150	07/28/1995	DISPENSER	MACK, ROBERT
<u>29069806</u>	<u>D397777</u>	150	04/17/1997	COMBINED FILTER AND COVER UNIT FOR AN AIR CONDITIONER	MACK, ROBERT
<u>60000089</u>	Not Issued	159	06/09/1995	MULTI-CHAMBER REFILLABLE DISPENSER	MACK, ROBERT
<u>60001612</u>	Not Issued	159	07/28/1995	DUAL CHAMBER PUMP DISPENSER	MACK, ROBERT
<u>60032339</u>	Not Issued	159	12/04/1996	DUAL CHAMBER TUBULAR CONTAINER	MACK, ROBERT
<u>60108004</u>	Not Issued	159	11/12/1998	SYSTEM FOR REPRESENTING AND SEARCHING VIDEO SEGMENTS DEFINED BY VIDEO CONTENT ANNOTATION METHODS	MACK, ROBERT
<u>60108756</u>	Not Issued	159	11/17/1998	OBJECT ORIENTED QUERY MODEL AND PROCESS FOR COMPLEX HETEROGENEOUS DATABASE QUERIES	MACK, ROBERT
<u>60149702</u>	Not Issued	159	08/20/1999	ATVEF BINDING FOR DIGITAL MPEG NETWORKS	MACK, ROBERT
<u>60150535</u>	Not Issued	159	08/25/1999	ATVEF BINDING FOR DIGITAL MPEG NETWORKS	MACK, ROBERT
<u>60177420</u>	Not Issued	159	01/21/2000	MANUFACTURE AND USE OF A DEPOSITION AID	MACK, ROBERT
<u>60532752</u>	Not Issued	159	12/23/2003	Staged correlator	MACK, ROBERT
<u>60733937</u>	Not Issued	20	11/04/2005	Circuit and method for decoding code phase modulated signals	MACK, ROBERT
<u>60733938</u>	Not Issued	20	11/04/2005	Circuit and method for encoding DSSS signals	MACK, ROBERT
<u>06161329</u>	<u>4341908</u>	150	06/20/1980	AMBRINOL AND ITS HOMOLOGUES	MACK, ROBERT A.
<u>06342364</u>	Not Issued	161	01/25/1982	PROCESS FOR PREPARING GAMMA-DIHYDROIONOL AND DERIVATIVES	MACK, ROBERT A.
<u>06618896</u>	Not Issued	161	06/08/1984	PROCESS FOR PREPARING GAMMA-DIHYDROIONOL AND DERIVATIVES	MACK, ROBERT A.
<u>06653254</u>	<u>4614810</u>	150	09/24/1984	4,5-DIHYDRO-4-OXO-2-((2-TRANS-PHENYLCYCLOPRPYL) AMINO)-3-FURANCARBOXYLIC ACIDS AND DERIVATIVES THEREOF	MACK, ROBERT A.

<u>06839298</u>	<u>4625040</u>	250	03/13/1986	N-(PHENYL) OR N-(PHENYLCYCLOPROPYL)-2,5-DIHYDRO-2-OXO-4((SUBSTITUTED PHENYL) AMINO)-3-FURANCARBOXAMIDE DERIVATIVES	MACK, ROBERT A.
<u>06938199</u>	<u>4730063</u>	150	12/05/1986	ALKALI METAL 2,5-DIHYDRO-3-ETHOXYCARBONYL-2-((SUBSTITUTED PHENYL) IMINO)-4-FURANYLOXIDES	MACK, ROBERT A.

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Inventor Name Search Result

Your Search was:

Last Name = MACOR

First Name = JOHN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
08836143	5998429	150	06/13/1997	AZABICYCLIC ESTERS OF CARBAMIC ACIDS USEFUL IN THERAPY	MACOR, JOHN
09171983	6110914	150	10/29/1998	SPIROAZABICYCLIC HETEROCYCLIC COMPOUNDS	MACOR, JOHN
09191519	5994352	150	11/13/1998	5-ARYLINDOLE DERIVATIVES	MACOR, JOHN
09276689	6054464	150	03/26/1999	AZABICYCLIC ESTERS OF CARBAMIC ACIDS SUEFUL IN THERAPY	MACOR, JOHN
09526162	6316438	150	03/15/2000	Fused pyridopyridazine inhibitors of cgmp phosphodiesterase	MACOR, JOHN
09594703	6369224	150	06/16/2000	New compounds	MACOR, JOHN
10090288	6713487	150	03/04/2002	COMPOUNDS USEFUL AS MODULATORS OF MELANOCORTIN RECEPTORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING SAME	MACOR, JOHN
10090582	6979691	150	03/04/2002	COMPOUNDS USEFUL AS MODULATORS OF MELANOCORTIN RECEPTORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING SAME	MACOR, JOHN
10093939	6703502	150	03/08/2002	SPIROAZO BICYCLIC HETEROCYCLIC	MACOR, JOHN
10111027	6750242	150	09/23/2002	POSITIVE MODULATORS OF NICOTINIC RECEPTOR AGONISTS	MACOR, JOHN
10396215	6706878	150	03/24/2003	SPIROAZABICYCLIC HETEROCYCLIC COMPOUNDS	MACOR, JOHN
10696761	Not Issued	95	10/29/2003	COMPOUNDS USEFUL AS MODULATORS OF	MACOR, JOHN

				MELANOCORTIN RECEPTORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING SAME	
<u>10801085</u>	Not Issued	71	03/15/2004	Spiroazabicyclic heterocyclic compounds	MACOR, JOHN
<u>11199464</u>	Not Issued	30	08/08/2005	Compounds useful as modulators of melanocortin receptors and pharmaceutical compositions comprising same	MACOR, JOHN
<u>60125488</u>	Not Issued	159	03/22/1999	FUSED PYRIDOPYRIDAZINE INHIBITORS OF CGMP PHOSPHODIESTERASE	MACOR, JOHN
<u>60148009</u>	Not Issued	159	08/10/1999	FUSED PYRIDOPYRIDAZINE INHIBITORS OF CGMP PHOSPHODIESTERASE	MACOR, JOHN
<u>60273206</u>	Not Issued	159	03/02/2001	Compounds useful as agonists of melanocortin receptors and pharmaceutical compositions comprising same	MACOR, JOHN
<u>60273291</u>	Not Issued	159	03/02/2001	Compounds useful as agonists of melanocortin receptors and pharmaceutical compositions comprising same	MACOR, JOHN
<u>60423201</u>	Not Issued	159	11/01/2002	Substituted biphenyl isoxazole sulfonamides as dual angiotensin endothelin receptor antagonists	MACOR, JOHN
<u>10044183</u>	<u>6888004</u>	150	01/11/2002	IMIDAZOLYL DERIVATIVES AS CORTICOTROPIN RELEASING FACTOR INHIBITORS	MACOR, JOHN E
<u>09513779</u>	Not Issued	168	02/25/2000	Biphenyl sulfonamides as dual angiotensin endothelin receptor antagonists	MACOR, JOHN E.
<u>09643640</u>	Not Issued	168	08/22/2000	Biphenyl sulfonamides as dual angiotensin endothelin receptor antagonists	MACOR, JOHN E.
<u>09694394</u>	<u>6387937</u>	150	10/23/2000	INDOLE DERIVATIVES	MACOR, JOHN E.
<u>09694808</u>	<u>6410739</u>	150	10/23/2000	INDOLE DERIVATIVES AS 5-HT1 AGONISTS	MACOR, JOHN E.
<u>09694809</u>	<u>6387941</u>	150	10/23/2000	INDOLE DERIVATIVES AS 5-HT1 AGONISTS	MACOR, JOHN E.
<u>09694838</u>	<u>6380233</u>	150	10/23/2000	INDOLE DERIVATIVES AS 5-HT1 AGONISTS	MACOR, JOHN E.
<u>09758074</u>	Not Issued	161	01/10/2001	Pyrazinyl-substituted naphthalene derivatives	MACOR, JOHN E.
<u>09809946</u>	<u>6642244</u>	150	03/16/2001	PYRAZOLOPYRIDOPYRIMIDINE	MACOR,

				INHIBITORS OF CGMP PHOSPHODIESTERASE	JOHN E.
<u>09933066</u>	<u>6576644</u>	150	08/20/2001	QUINOLINE INHIBITORS OF CGMP PHOSPHODIESTERASE	MACOR, JOHN E.
<u>10004990</u>	Not Issued	161	12/03/2001	Naphthalene derivatives	MACOR, JOHN E.
<u>10090258</u>	Not Issued	161	03/04/2002	Co-administration of melanocortin receptor agonist and phosphodiesterase inhibitor for treatment of cyclic-AMP associated disorders	MACOR, JOHN E.
<u>10326365</u>	Not Issued	61	12/20/2002	Alpha-(N-sulfonamido)acetamide derivatives as beta-amyloid inhibitors	MACOR, JOHN E.
<u>10412969</u>	<u>6835737</u>	150	04/14/2003	QUINOLINE INHIBITORS OF CGMP PHOSPHODIESTERASE	MACOR, JOHN E.
<u>10445523</u>	Not Issued	161	05/27/2003	Calcitonin gene related peptide receptor antagonists	MACOR, JOHN E.
<u>10645121</u>	Not Issued	161	08/21/2003	Naphthalene derivatives	MACOR, JOHN E.
<u>10662493</u>	Not Issued	61	09/15/2003	Compounds for the treatment of premature ejaculation	MACOR, JOHN E.
<u>10662745</u>	Not Issued	95	09/15/2003	CYCLOPENTYL INDOLE DERIVATIVES	MACOR, JOHN E.
<u>10672572</u>	<u>6852745</u>	150	09/26/2003	BIPHENYL SULFONAMIDES AS DUAL ANGIOTENSIN ENDOTHELIN RECEPTOR ANTAGONISTS	MACOR, JOHN E.
<u>10673100</u>	<u>6835741</u>	150	09/26/2003	BIPHENYL SULFONAMIDES AS DUAL ANGIOTENSIN ENDOTHELIN RECEPTOR ANTAGONISTS	MACOR, JOHN E.
<u>10729155</u>	Not Issued	41	12/05/2003	Calcitonin gene related peptide receptor antagonists	MACOR, JOHN E.
<u>10771661</u>	Not Issued	71	02/04/2004	Imidazolyl derivatives as corticotropin releasing factor inhibitors	MACOR, JOHN E.
<u>10771766</u>	Not Issued	40	02/04/2004	Imidazolyl derivatives as corticotropin releasing factor inhibitors	MACOR, JOHN E.
<u>10772027</u>	Not Issued	40	02/04/2004	Imidazolyl derivatives as corticotropin releasing factor inhibitors	MACOR, JOHN E.
<u>11004706</u>	Not Issued	30	12/03/2004	Heterocyclic anti-migraine agents	MACOR, JOHN E.
<u>11018968</u>	Not Issued	30	12/21/2004	Quinoline inhibitors of cGMP phosphodiesterase	MACOR, JOHN E.
<u>11091429</u>	Not Issued	30	03/28/2005	Novel therapeutic agents for the treatment of migraine	MACOR, JOHN E.
<u>11206441</u>	Not Issued	20	08/18/2005	Novel gamma-lactams as beta-secretase inhibitors	MACOR, JOHN E.

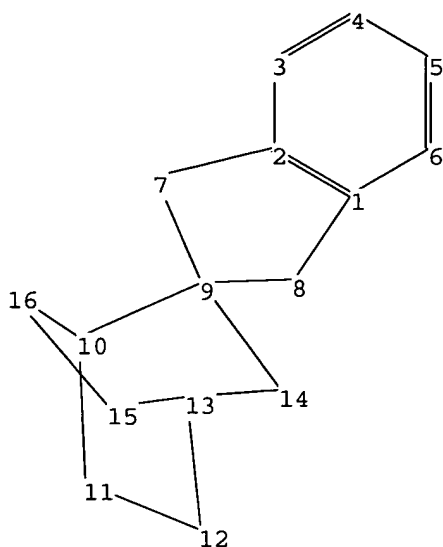
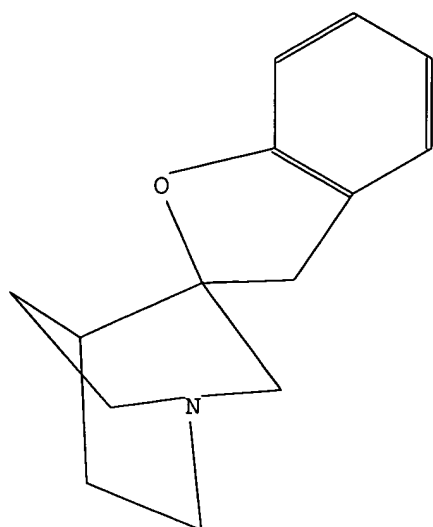
11231729	Not Issued	30	09/21/2005	Inhibitors of 15-lipoxygenase	MACOR, JOHN E.
11370728	Not Issued	20	03/08/2006	Novel isophthalates as beta-secretase inhibitors	MACOR, JOHN E.
60230267	Not Issued	159	09/06/2000	Quinoline inhibitors of CGMP phosphodiesterase	MACOR, JOHN E.

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ring bonds :

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12-13 13-14 13-15 15-16

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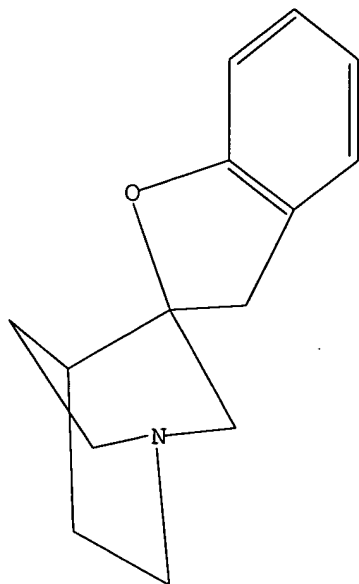
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11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom

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L1 STR



Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED 1819 ITERATIONS

24 ANSWERS

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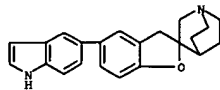
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 RN 855004-84-1 REGISTRY
 ED Entered STN: 14 Jul 2005
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 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CH 1

CRN 855004-83-0
 CHF C22 H22 N2 O



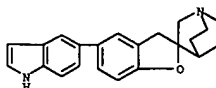
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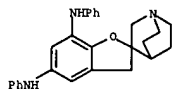
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 RN 855004-83-0 REGISTRY
 ED Entered STN: 14 Jul 2005
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 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H22 N2 O
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



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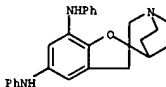
L2 ANSWER 3 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-82-9 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran]-5',7'-diamine,
 N,N'-diphenyl- (9CI) (CA INDEX NAME)
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 MF C26 H27 N3 O
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



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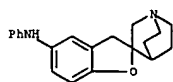
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 RN 855004-81-8 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran]-5',7'-diamine,
 N,N'-diphenyl-, dihydrochloride (9CI) (CA INDEX NAME)
 MF C26 H27 N3 O . 2 Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (855004-82-9)



● 2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

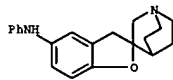
L2 ANSWER 5 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-80-7 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran]-5'-amine, N-phenyl-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H22 N2 O
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-79-4 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran]-5'-amine, N-phenyl-,
 dihydrochloride (9CI) (CA INDEX NAME)
 MF C20 H22 N2 O . 2 Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (855004-80-7)



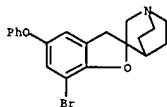
● 2 HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-78-3 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran],
 7'-bromo-5'-phenoxy-, trifluoroacetate (9CI) (CA INDEX NAME)
 MF C20 H20 Br N O2 . C2 H F3 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 855004-77-2
 CMF C20 H20 Br N O2



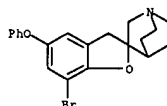
CM 2

CRN 76-05-1
 CMF C2 H F3 O2



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

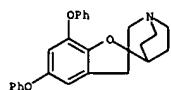
L2 ANSWER 8 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-77-2 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran],
 7'-bromo-5'-phenoxy- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H20 Br N O2
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

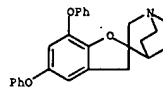
L2 ANSWER 9 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-76-1 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], 5',7'-diphenoxy-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C26 H25 N O3
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-75-0 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], 5',7'-diphenoxy-,
 hydrochloride (9CI) (CA INDEX NAME)
 MF C26 H25 N O3 . Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (855004-76-1)



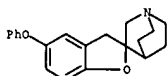
● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-74-9 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], 5'-phenoxy-,
 trifluoroacetate (9CI) (CA INDEX NAME)
 MF C20 H21 N O2 . C2 H F3 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 855004-73-8
 CMF C20 H21 N O2



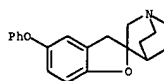
CM 2

CRN 76-05-1
 CMF C2 H F3 O2



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-73-8 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], 5'-phenoxy- (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H21 N O2
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



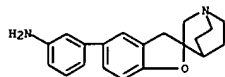
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 13 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-72-7 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Benzenamine, 3-spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran]-5'-yl-
 , trifluoroacetate (9CI) (CA INDEX NAME)
 MF C20 H22 N2 O . x C2 H F3 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CH 1

CRN 855004-71-6
 CMF C20 H22 N2 O



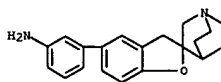
CH 2

CRN 76-05-1
 CMF C2 H F3 O2



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

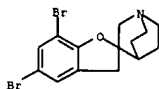
L2 ANSWER 14 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-71-5 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Benzenamine, 3-spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran]-5'-yl-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H22 N2 O
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

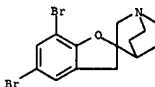
L2 ANSWER 15 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-70-5 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], 5',7'-dibromo-,
 hydrochloride (9CI) (CA INDEX NAME)
 MF C14 H15 Br2 N O . Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (855004-69-2)



● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 16 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-69-2 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], 5',7'-dibromo-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C14 H15 Br2 N O
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



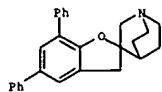
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
RN 855004-68-1 REGISTRY
ED Entered STN: 14 Jul 2005
CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran], 5',7'-diphenyl-, trifluoroacetate (9CI) (CA INDEX NAME)
MF C26 H25 N O . C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CH 1

CRN 855004-67-0
CHF C26 H25 N O



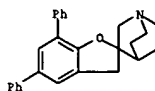
CH 2

CRN 76-05-1
CHF C2 H F3 O2



2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

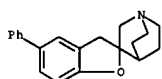
L2 ANSWER 18 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
RN 855004-67-0 REGISTRY
ED Entered STN: 14 Jul 2005
CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran], 5',7'-diphenyl-, (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H25 N O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

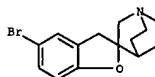
L2 ANSWER 19 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
RN 855004-66-9 REGISTRY
ED Entered STN: 14 Jul 2005
CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran], 5'-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H21 N O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

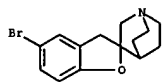
L2 ANSWER 20 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
RN 855004-65-8 REGISTRY
ED Entered STN: 14 Jul 2005
CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-benzofuran], 5'-bromo-, hydrochloride (9CI) (CA INDEX NAME)
MF C14 H16 Br N O . Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (855004-64-7)



● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

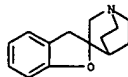
L2 ANSWER 21 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-64-7 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], 5'-bromo- (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C14 H16 Br N O
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

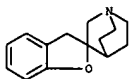
L2 ANSWER 22 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-63-6 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], hydrochloride (9CI)
 (CA INDEX NAME)
 MF C14 H17 N O . Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (855004-62-5)



● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

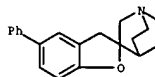
L2 ANSWER 23 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-62-5 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran] (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C14 H17 N O
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 24 OF 24 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 855004-60-3 REGISTRY
 ED Entered STN: 14 Jul 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-benzofuran], 5'-phenyl-, hydrochloride (9CI) (CA INDEX NAME)
 MF C20 H21 N O . Cl H
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (855004-66-9)

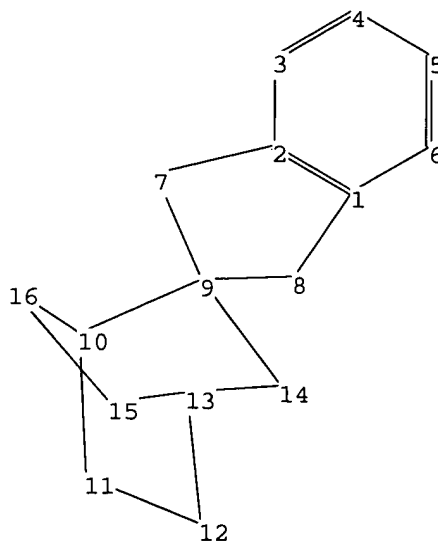
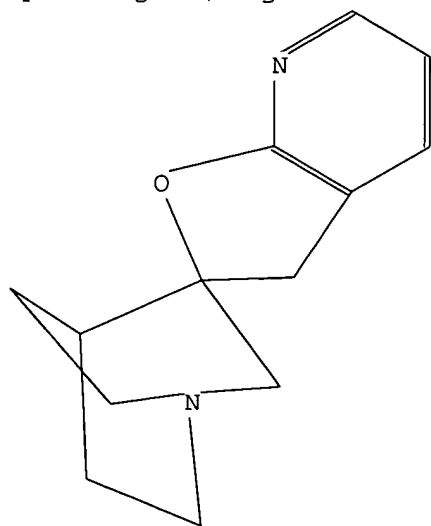


● HCl

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

Uploading C:\Program Files\Stnexp\Queries\10801085a.str



ring nodes :

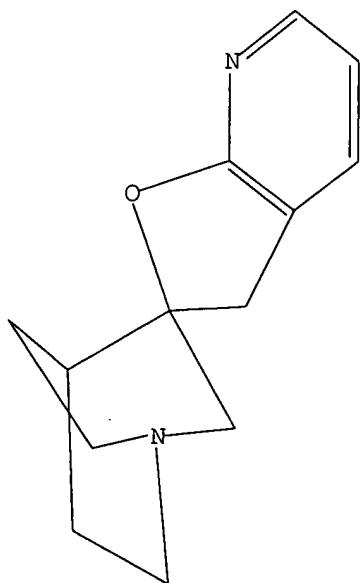
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

ring bonds :

1-2 1-6 1-8 2-3 2-7 3-4 4-5 5-6 7-9 8-9 9-10 9-14 10-11 10-16 11-12
12-13 13-14 13-15 15-16

exact/norm bonds :

1-8 2-7 7-9 8-9 9-10 9-14 10-11 10-16 11-12 12-13 13-14 13-15 15-16

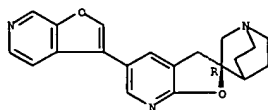


Structure attributes must be viewed using STN Express query preparation.

=> s 13 full
FULL SEARCH INITIATED 12:31:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 214 TO ITERATE

L4 ANSWER 1 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 851620-41-2 REGISTRY
 ED Entered STN: 03 Jun 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine],
 5'-furo[2,3-c]pyridin-3-yl-, (2'R)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H19 N3 O2
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

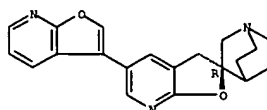


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 851620-40-1 REGISTRY
 ED Entered STN: 03 Jun 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine],
 5'-furo[2,3-b]pyridin-3-yl-, (2'R)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H19 N3 O2
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

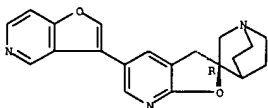


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 3 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 851620-38-7 REGISTRY
 ED Entered STN: 03 Jun 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine],
 5'-furo[3,2-c]pyridin-3-yl-, (2'R)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H19 N3 O2
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

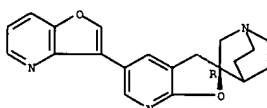


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 4 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 851620-36-5 REGISTRY
 ED Entered STN: 03 Jun 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine],
 5'-furo[3,2-b]pyridin-3-yl-, (2'R)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H19 N3 O2
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

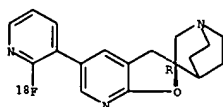


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 5 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 849435-03-6 REGISTRY
 ED Entered STN: 28 Apr 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine],
 5'-[2-(fluoro-18F)-3-pyridinyl]-, (3R)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C18 H18 F N3 O
 SR CA
 LC STN Files: CA, CAPLUS

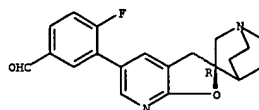
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 6 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 849435-02-5 REGISTRY
 ED Entered STN: 28 Apr 2005
 CN Benzaldehyde, 4-fluoro-3-(2'R)-spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-
 furo[2,3-b]pyridin]-5'-yl- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H19 F N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

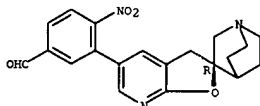


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 7 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 849435-01-4 REGISTRY
 ED Entered STN: 28 Apr 2005
 CN Benzaldehyde, 4-nitro-3-(2'R)-spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-
 furo[2,3-b]pyridin]-5'-yl- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C20 H19 N3 O4
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

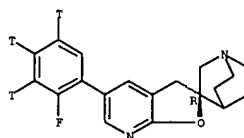


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 8 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 849434-99-7 REGISTRY
 ED Entered STN: 28 Apr 2005
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine],
 5'-(2-fluorophenyl-3,4,5-t3)-, (2'R)- (9CI) (CA INDEX NAME)
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 MF C19 H16 F N2 O T3
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

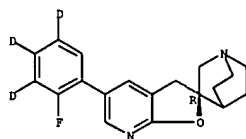
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 9 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 849434-98-6 REGISTRY
 ED Entered STN: 28 Apr 2005
 CN Spiro[11-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine],
 5'-(2-fluorophenyl-3,4,5-d3)-, (2'R)- (9CI) (CA INDEX NAME)
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 LC STN Files: CA, CAPLUS, CASREACT

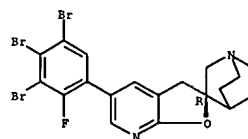
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 10 OF 197 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 849434-97-5 REGISTRY
 ED Entered STN: 28 Apr 2005
 CN Spiro[11-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine],
 5'-(3,4,5-tribromo-2-fluorophenyl)-, (2'R)- (9CI) (CA INDEX NAME)
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 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

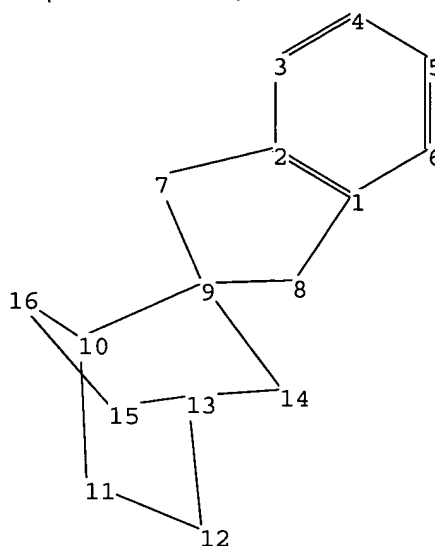
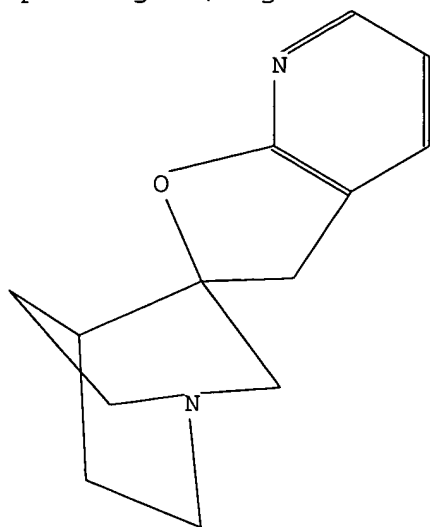


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
ring bonds :
1-2 1-6 1-8 2-3 2-7 3-4 4-5 5-6 7-9 8-9 9-10 9-14 10-11 10-16 11-12
12-13 13-14 13-15 15-16
exact/norm bonds :
9-10 9-14 10-11 10-16 11-12 12-13 13-14 13-15 15-16
exact bonds :
1-8 2-7 7-9 8-9
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

Hydrogen count :

4:>= minimum 1 5:>= minimum 1 6:>= minimum 1

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom

L5 STRUCTURE UPLOADED

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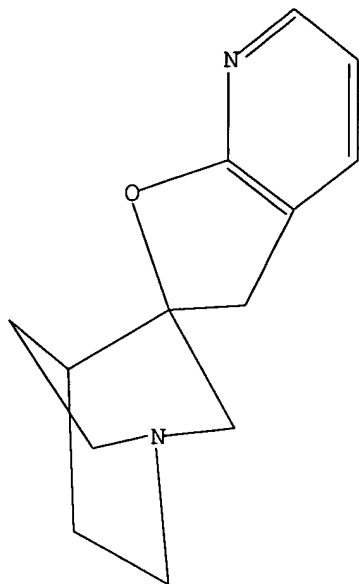
DL5 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l5

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15 full

FULL SEARCH INITIATED 12:33:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 197 TO ITERATE

100.0% PROCESSED 197 ITERATIONS

8 ANSWERS

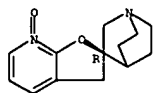
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L6 ANSWER 1 OF 8 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 284486-43-7 REGISTRY
 ED Entered STN: 09 Aug 2000
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 (2'R)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C13 H16 N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

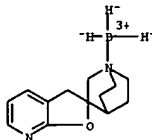
Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220141-35-5 REGISTRY
 ED Entered STN: 03 Mar 1999
 CN Boron, trihydro(spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine]-wN1)-, (7-4)- (9CI) (CA INDEX NAME)
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 CI CCS
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



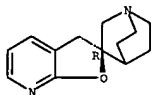
2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220100-81-2 REGISTRY
 ED Entered STN: 02 Mar 1999
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], (2'R)-,
 (2S,3S)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C13 H16 N2 O . C4 H6 O6
 SR CA
 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CH 1

CRN 220099-91-2
 CMF C13 H16 N2 O

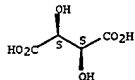
Absolute stereochemistry. Rotation (-).



CH 2

CRN 147-71-7
 CMF C4 H6 O6

Absolute stereochemistry.



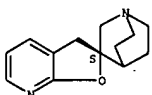
2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 4 OF 8 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220100-79-8 REGISTRY
 ED Entered STN: 02 Mar 1999
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], (2'S)-,
 (2R,3R)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C13 H16 N2 O . C4 H6 O6
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 LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

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CRN 220099-90-1
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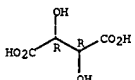
Absolute stereochemistry. Rotation (+).



CH 2

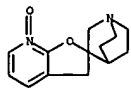
CRN 87-69-4
 CMF C4 H6 O6

Absolute stereochemistry.



2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220100-50-5 REGISTRY
 ED Entered STN: 02 Mar 1999
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], 7'-oxide
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

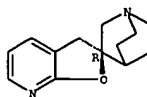


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 6 OF 8 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220099-91-2 REGISTRY
 ED Entered STN: 02 Mar 1999
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], (2'R)-
 (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
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 CI COM
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

Absolute stereochemistry. Rotation (-).

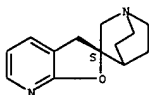


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L6 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220099-90-1 REGISTRY
 ED Entered STN: 02 Mar 1999
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], (2'S)-
 (9CI) (CA INDEX NAME)
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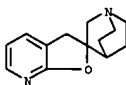
Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 8 OF 8 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 220099-89-8 REGISTRY
 ED Entered STN: 02 Mar 1999
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine] (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C13 H16 N2 O
 CI RPS
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	581.94	583.20

FILE 'CAPLUS' ENTERED AT 12:33:49 ON 14 APR 2006
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FILE LAST UPDATED: 13 Apr 2006 (20060413/ED)

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<http://www.cas.org/infopolicy.html>

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L7 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN

ACCESSION NUMBER: 2004:203672 CAPLUS

DOCUMENT NUMBER: 140:229466

TITLE: $\alpha 7$ -Nicotinic receptor agonists and statins in combination for the treatment of neurodegenerative diseases

INVENTOR(S): Keith, Richard

PATENT ASSIGNEE(S): AstraZeneca AB, Swed.

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

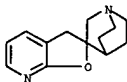
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WO 2004019947	A1	20040311	WO 2003-SE1352	20030901
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GM, GG, GW, ML, MR, NE, SN, TD, TG			
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EP 1545537	A1	20050629	EP 2003-791540	20030901
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JP 20060505530	T2	20060216	JP 2004-532517	20030901
US 2005256146	A1	20051117	US 2005-525783	20050228
PRIORITY APPLN. INFO.:			SE 2002-2598	A 20020902
			WO 2003-SE1352	W 20030901

AB The invention discloses combinations of $\alpha 7$ -nAChR agonists and statins, pharmaceutical compns. containing them, and methods of using them for the treatment or prophylaxis of neurol. degenerative diseases.

IT 220099-89-8 220100-50-5
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 ($\alpha 7$ -nicotinic receptor agonists and statins in combination for treatment of neurodegenerative diseases)

RN 220099-89-8 CAPLUS

CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine] (9CI) (CA INDEX NAME)



RN 220100-50-5 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], 7'-oxide (9CI) (CA INDEX NAME)

L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN

ACCESSION NUMBER: 2003:319637 CAPLUS

DOCUMENT NUMBER: 138:314632

TITLE: Agonists of $\alpha 7$ nicotinic acetylcholine receptors for the treatment of fibromyalgia syndrome

INVENTOR(S): McCarthy, Dennis; Gurley, David

PATENT ASSIGNEE(S): AstraZeneca AB, Swed.

SOURCE: PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003032897	A2	20030424	WO 2002-SE1887	20021015
WO 2003032897	A3	20031113		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BE, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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EP 1453828	A2	20040908	EP 2002-778156	20021015
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
JP 2005510482	T2	20050421	JP 2003-535703	20021015
US 2004259909	A1	20041223	US 2004-492891	20040416
PRIORITY APPLN. INFO.:			SE 2001-3463	A 20011016
			SE 2002-1033	A 20020404
			WO 2002-SE1887	W 20021015

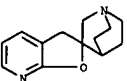
OTHER SOURCE(S): MARPAT 138:314632

AB The invention discloses a method for treating fibromyalgia syndrome and fibromyalgia-related symptoms with an agonist of $\alpha 7$ nicotinic acetylcholine receptors.

IT 220099-89-8 220100-50-5, enantiomers
 220100-50-5 220100-50-50, enantiomers
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 ($\alpha 7$ nicotinic agonists for treatment of fibromyalgia syndrome)

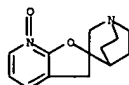
RN 220099-89-8 CAPLUS

CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine] (9CI) (CA INDEX NAME)



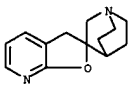
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 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine] (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)

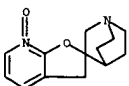


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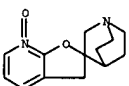
L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)



RN 220100-50-5 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], 7'-oxide (9CI) (CA INDEX NAME)



RN 220100-50-5 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], 7'-oxide (9CI) (CA INDEX NAME)

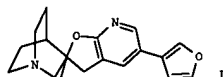


L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN

ACCESSION NUMBER: 2002:527434 CAPLUS
DOCUMENT NUMBER: 133:14045
TITLE: Preparation of (2'R)-5'-(3-furanyl)spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine] as novel ligand for nicotinic acetylcholine receptors
INVENTOR(S): Phillips, Eifion
PATENT ASSIGNEE(S): Astrazeneca Ab, Swed.
SOURCE: PCT Int. Appl., 15 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002096912	A1	20021205	WO 2002-SE1031	20020529
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2455341	AA	20021205	CA 2002-2455341	20020529
EP 1397366	A1	20040317	EP 2002-731063	20020529
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
CN 1512995	A	20040714	CN 2002-811049	20020529
BR 2002010075	A	20040817	BR 2002-10075	20020529
JP 2004532877	T2	20041028	JP 2003-500091	20020529
NZ 529426	A	20050729	NZ 2002-529426	20020529
ZA 2003008779	A	20050211	ZA 2003-8779	20031111
PRIORITY APPLN. INFO.:			US 2001-295206P	P 20010601
			WO 2002-SE1031	W 20020529

GI



AB The title compound 1.2HCl, useful in the treatment or prophylaxis of psychotic disorders or intellectual impairment disorders (no biol. data given), was prepared by bromination of [R]-spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine] followed by reacting the resulting 5'-bromo derivative with 3-furylboronic acid in the presence of Pd(PPh₃)₄ and Na₂CO₃ in H₂O/EtOH/THF.
IT 220099-89-8 220099-91-2
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of (2'R)-5'-(3-furanyl)spiro[1-azabicyclo[2.2.2]octane-

L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN

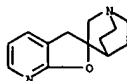
ACCESSION NUMBER: 2000:553442 CAPLUS
DOCUMENT NUMBER: 133:168383
TITLE: Pharmaceutical compositions containing nicotine or a ligand of nicotine receptors and a monamine oxidase inhibitor and their use for treating tobacco withdrawal symptoms
INVENTOR(S): Caille, Dominique; George, Pascal; Jegham, Samir; Robineau, Pascale; Scatton, Bernard; Zivkovic, Branimir
PATENT ASSIGNEE(S): Sanofi-Synthelabo, Fr.
SOURCE: PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000045846	A1	20000810	WO 2000-FR193	20000128
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2788982	A1	20000804	FR 1999-1144	19990202
FR 2788982	B1	20020802		
CA 2361437	AA	20000810	CA 2000-2361437	20000128
EP 1150715	A1	20011107	EP 2000-901660	20000128
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002536342	T2	20021029	JP 2000-596965	20000128
PRIORITY APPLN. INFO.:			FR 1999-1144	A 19990202
			WO 2000-FR193	W 20000128

OTHER SOURCE(S): MARPAT 133:168383
AB The invention concerns novel pharmaceutical compns. containing nicotine or a ligand of nicotine receptors and a monamine oxidase inhibitor designed for treating tobacco withdrawal symptoms. A bilayer tablet contained beflonate 5, lactose 66, microcryst. cellulose 20, povidone 4, crospovidone 4, and magnesium stearate 1% in the first layer, and nicotine polacrilex 5, microcryst. cellulose 20 povidone 4, hydroxypropyl Me cellulose 25, magnesium stearate 1, and lactose q.s. 100% in the second layer.
IT 220100-50-5
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmaceutical compns. containing nicotine or ligand of nicotine receptors and monamine oxidase inhibitor and their use for treating tobacco withdrawal symptoms)
RN 220100-50-5 CAPLUS
CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], 7'-oxide (9CI) (CA INDEX NAME)

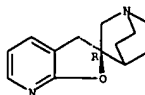
L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)

3,2'-(3'H)-furo[2,3-b]pyridine] as novel ligand for nicotinic acetylcholine receptors
RN 220099-89-8 CAPLUS
CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine] (9CI) (CA INDEX NAME)



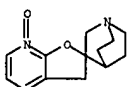
RN 220099-91-2 CAPLUS
CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], (2'R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

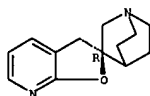
L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS ON STN (Continued)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2000:493546 CAPLUS
 DOCUMENT NUMBER: 133:120318
 TITLE: Preparation of furopyridineamines as nicotinic receptor agonists
 INVENTOR(S): Loch, James, III; Mullen, George; Phillips, Eifion
 PATENT ASSIGNEE(S): AstraZeneca AB, Sued.
 SOURCE: PCT Int. Appl., 56 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000042044	A1	20000720	WO 1999-SE2478	19991223
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2359990	AA	20000720	CA 1999-2359990	19991223
EP 1147114	A1	20011024	EP 1999-967044	19991223
EP 1147114	B1	20030521		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9916906	A	20011030	BR 1999-16906	19991223
TR 200102042	T2	20020521	TR 2001-200102042	19991223
EE 200100370	A	20021015	EE 2001-370	19991223
EE 4528	B1	20050815		
JP 2002534525	T2	20021015	JP 2000-593611	19991223
AT 240960	E	20030615	AT 1999-967044	19991223
NZ 512733	A	20030829	NZ 1999-512733	19991223
PT 1147114	T	20031031	PT 1999-967044	19991223
CN 1132837	B	20031231	CN 1999-816422	19991223
ES 2200590	T3	20040301	ES 1999-967044	19991223
RU 2233282	C2	20040727	RU 2001-122812	19991223
AU 775433	B2	20040729	AU 2000-23343	19991223
TW 227237	B1	20050201	TW 2000-89100989	20000121
US 2003149065	A1	20030807	US 2000-529654	20000418
US 6995167	B2	20060207		
ZA 2001005527	A	20021004	ZA 2001-5527	20010704
NO 200103478	A	20010914	NO 2001-3478	20010713
HK 1040517	A1	20030905	HK 2002-102161	20020321
US 2005250802	A1	20051110	US 2005-181098	20050714
PRIORITY APPLN. INFO.:			SE 1999-100	A 19990115
OTHER SOURCE(S):		MARPAT 133:120318	WO 1999-SE2478	W 19991223
GI			US 2000-529654	A3 20000418

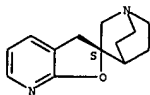


RN 220100-79-8 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], (2'S)-, (2R,3R)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME)

CH 1

CRN 220099-90-1
 CMF C13 H16 N2 O

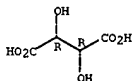
Absolute stereochemistry. Rotation (+).



CH 2

CRN 87-69-4
 CMF C4 H6 O6

Absolute stereochemistry.

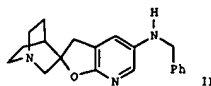


RN 220100-81-2 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], (2'R)-, (2S,3S)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME)

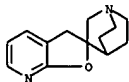
CH 1

CRN 220099-91-2
 CMF C13 H16 N2 O

Absolute stereochemistry. Rotation (-).

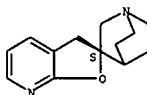


AB RN1R2 [R = spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine]-5- or -6-yl]]: R1 = (hetero)aryl(alkyl), CH2CH:CHR3, CH2C:tpbond:CR3; R2 = H, alkyl, CHO, alkanoyl, alkoxy carbonyl, etc.; R3 = (hetero)aryl(alkyl)] were prepared. Thus, quinuclidin-3-one underwent methylene insertion with Me3S(O)I and the N-RH3-complexed epoxide condensed with 2-chloropyridine to give, in 3 addnl. steps, (S)- and (R)-RH the latter of which was converted in 3 addnl. steps to title compound (R)-11. Data for Biol. activity of 1 were given.
 IT 220099-89-8F 220099-90-1P 220099-91-2P
 220100-79-8F 220100-81-2P 220141-35-5P
 284486-43-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of furopyridineamines as nicotinic receptor agonists)
 RN 220099-89-8 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine] (9CI) (CA INDEX NAME)



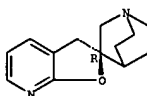
RN 220099-90-1 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], (2'S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 220099-91-2 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], (2'R)- (9CI) (CA INDEX NAME)

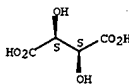
Absolute stereochemistry. Rotation (-).



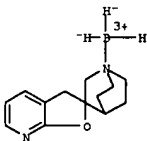
CH 2

CRN 147-71-7
 CMF C4 H6 O6

Absolute stereochemistry.

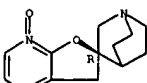


RN 220141-35-5 CAPLUS
 CN Boron, trihydro(spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine]-xN1)-, (T-4)- (9CI) (CA INDEX NAME)



RN 284486-43-7 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], 7'-oxide, (2'R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT:

5

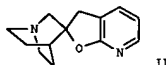
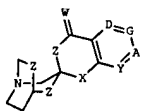
THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 1999:77567 CAPLUS
 DOCUMENT NUMBER: 130:139332
 TITLE: Preparation of spiro[azabicyclo-furo]pyridine derivatives and analogs as $\alpha 7$ nicotinic receptor agonists
 INVENTOR(S): Phillips, Rifon; Mack, Robert; Macor, John; Semus, Simon
 PATENT ASSIGNEE(S): Astra Aktiebolag, Sved.
 SOURCE: PCT Int. Appl., 71 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9903859	A1	19990128	WO 1998-SE1364	19980710
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GM, GR, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
ZA 9805995	A	19990803	ZA 1998-5995	19980707
CA 2296031	AA	19990128	CA 1998-2296031	19980710
AU 9883679	A1	19990210	AU 1998-83679	19980710
AU 739022	B2	20011004		
EP 996622	A1	20000503	EP 1998-934078	19980710
EP 996622	B1	20021009		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200000129	T2	20000721	TR 2000-200000129	19980710
BR 9810924	A	20000815	BR 1998-10924	19980710
EE 200000031	A	20001016	EE 2000-200000031	19980710
KE 4399	B1	20041215		
JP 2001510194	T2	20010731	JP 2000-503083	19980710
NZ 502298	A	20020201	NZ 1998-502298	19980710
EP 1213291	A1	20020612	EP 2002-5982	19980710
EP 1213291	B1	20041201		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
AT 225792	E	20021015	AT 1998-934078	19980710
PT 996622	T	20030131	PT 1998-934078	19980710
ES 2185185	T3	20030416	ES 1998-934078	19980710
RU 2202553	C2	20030420	RU 2000-103958	19980710
SK 283484	B6	20030805	SK 1999-1835	19980710
CN 1117755	B	20030813	CN 1998-809055	19980710
AT 283859	E	20041215	AT 2002-5982	19980710
ES 2231599	T3	20050516	ES 2002-5982	19980710
TW 515799	B	20030101	TW 1998-87111679	19980717
US 6110914	A	20000829	US 1998-171983	19981029
NO 2000000226	A	20000314	NO 2000-226	20000117
US 6369224	B1	20020409	US 2000-594703	20000616
HK 1025322	A1	20030425	HK 2000-104490	20000720
HK 1031382	A1	20040227	HK 2001-102261	20010328
US 2002187994	A1	20021212	US 2002-93939	20020308
US 6703502	B2	20040309		

HK 1046274 A1 20050520 HK 2002-107504 20021016
 US 2003166935 A1 20030904 US 2003-396215 20030324
 US 6706878 B2 20040316
 US 2005004099 A1 20050106 US 2004-801085 20040315
 PRIORITY APPLN. INFO.: SE 1997-2746 A 19970718
 SE 1998-977 A 19980324
 EP 1998-934078 A3 19980710
 WO 1998-SE1364 W 19980710
 US 1998-171983 A3 19981029
 US 2000-594703 A1 20000616
 US 2002-93939 A3 20020308
 US 2003-396215 A3 20030324

OTHER SOURCE(S): MARPAT 130:139332
 GI

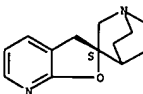


AB Title compds. (I; A = N or CR2; D = N or CR4; G = N or CR3; R2-R4 = H, halo, alkyl, alkoxy, etc.; W = O, H2, F2; X = O or S; Y = CH, N, NO; each Z, independently, may be bond or CH2) were prepared. Thus, 3-quinuclidinone was cyclocondensed with Me3S(O)I and the N-BH3-complexed product condensed with 2-chloropyridine to give, after cyclization and decomplexation, title compound II.

IT 220099-90-1P 220099-91-2P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of spiro[azabicyclo-furo]pyridine) derivs. and analogs as $\alpha 7$ nicotinic receptor agonists)

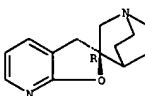
RN 220099-90-1 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], (2'S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



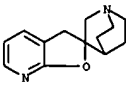
RN 220099-91-2 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], (2'R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

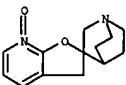


IT 220099-89-8P 220100-50-5P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of spiro[azabicyclo-furo]pyridine) derivs. and analogs as $\alpha 7$ nicotinic receptor agonists)

RN 220099-89-8 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine] (9CI) (CA INDEX NAME)



RN 220100-50-5 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], 7'-oxide (9CI) (CA INDEX NAME)



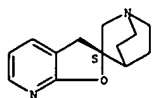
IT 220100-79-8P 220100-81-2P 220141-35-5P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of spiro[azabicyclo-furo]pyridine) derivs. and analogs as $\alpha 7$ nicotinic receptor agonists)

RN 220100-79-8 CAPLUS
 CN Spiro[1-azabicyclo[2.2.2]octane-3,2' (3'H)-furo[2,3-b]pyridine], (2'S)-, (2R,3R)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME)

CH 1

CRN 220099-90-1
 CNF C13 H16 N2 O

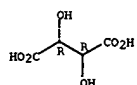
Absolute stereochemistry. Rotation (+).



CM 2

CRN 87-69-4
CMF C4 H6 O6

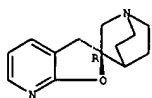
Absolute stereochemistry.

RN 220100-81-2 CAPLUS
CN Spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine], (2'R)-,
(2S,3S)-2,3-dihydroxybutanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 220099-91-2
CMF C13 H16 N2 O

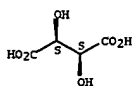
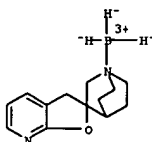
Absolute stereochemistry. Rotation (-).



CM 2

CRN 147-71-7
CMF C4 H6 O6

Absolute stereochemistry.

RN 220141-35-5 CAPLUS
CN Boron, trihydro(spiro[1-azabicyclo[2.2.2]octane-3,2'-(3'H)-furo[2,3-b]pyridine]-nH)-, (T-4)- (9CI) (CA INDEX NAME)REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	40.78	623.98
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-4.50	-4.50

STN INTERNATIONAL LOGOFF AT 12:47:08 ON 14 APR 2006